

Storm Data and Unusual Weather Phenomena - March 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Central and North Central				
(AR-Z007) SHARP, (AR-Z014) STONE, (AR-Z015) IZARD, (AR-Z016) INDEPENDENCE, (AR-Z022) POPE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z033) WHITE, (AR-Z038) YELL, (AR-Z039) PERRY, (AR-Z040) POLK, (AR-Z041) MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW				
	03/01/11 00:00 CST		0	Drought
	03/31/11 23:59 CST		0	
Drought conditions improved somewhat at the beginning of March over northern Arkansas and parts of central Arkansas, with severe drought diminishing to moderate drought. Meanwhile, severe drought continued over most of the southern half of the state, except for extreme drought in parts of southwestern Arkansas. Late in the month, the drought worsened in southeast Arkansas, with extreme drought developing.				
WOODRUFF COUNTY --- PATTERSON [35.25, -91.23], 0.1 SW CAVELL [35.25, -91.25], 0.7 N CAVELL [35.26, -91.25], 1.0 NNE CAVELL [35.26, -91.24], 0.9 NNW PATTERSON [35.26, -91.24]				
	03/01/11 00:00 CST		0	Flood (due to Heavy Rain)
	03/28/11 08:30 CST		0	Source: River/Stream Gage
WOODRUFF COUNTY --- PATTERSON [35.25, -91.23], 0.1 SW CAVELL [35.25, -91.25], 0.7 N CAVELL [35.26, -91.25], 1.0 NNE CAVELL [35.26, -91.24], 0.9 NNW PATTERSON [35.26, -91.24]				
	03/31/11 08:00 CST		0	Flood (due to Heavy Rain)
	03/31/11 23:59 CST		0	Source: River/Stream Gage
After a brief period below flood stage, additional heavy rain from thunderstorms caused the Cache River at Patterson to rise back above flood stage in late March. This river remained above flood stage into April.				
Occasional heavy rainfall kept the Cache River at Patterson above flood stage from late February through much of March.				
BAXTER COUNTY --- 1.0 S MOUNTAIN HOME [36.32, -92.38]				
	03/04/11 22:37 CST		0	Hail (1.00 in)
	03/04/11 22:37 CST		0	Source: Trained Spotter
A storm spotter reported hail up to quarter size.				
BAXTER COUNTY --- 1.0 S MOUNTAIN HOME [36.32, -92.38]				
	03/04/11 22:37 CST		0	Thunderstorm Wind (MG 52 kt)
	03/04/11 22:37 CST		0	Source: Trained Spotter
A storm spotter measured a 60 mph wind gust with a hand-held anemometer.				
BAXTER COUNTY --- 3.0 NNE MOUNTAIN HOME [36.37, -92.36]				
	03/04/11 22:42 CST		0	Hail (1.00 in)
	03/04/11 22:42 CST		0	Source: Trained Spotter
A storm spotter reported quarter-sized hail, a wind gust measured at 56 mph, and 0.80 inch of rain in 30 minutes.				
The arrival of a cold front brought thunderstorms to Arkansas on the evening of the 4th and the morning of the 5th. Isolated storms became severe in northern Arkansas.				
(AR-Z030) LOGAN, (AR-Z037) SCOTT				
	03/08/11 06:00 CST		0	Drought
	03/31/11 23:59 CST		0	
Early in March, severe drought conditions spread into parts of western Arkansas.				
BRADLEY COUNTY --- MORO BAY [33.30, -92.37]				

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	03/08/11 14:05 CST		0	Hail (0.88 in)
	03/08/11 14:05 CST		0	Source: Park/Forest Service

SEARCY COUNTY --- MARSHALL [35.90, -92.63]

03/08/11 15:45 CST	0	Hail (0.88 in)
03/08/11 15:45 CST	0	Source: Public

JOHNSON COUNTY --- 5.7 NNE LAMAR [35.51, -93.34]

03/08/11 17:45 CST	0	Hail (1.00 in)
03/08/11 17:48 CST	0	Source: CoCoRaHS

The maximum hail size was 1 inch in diameter, but most of the hail was 1/4 to 3/8 inch in diameter.

INDEPENDENCE COUNTY --- SULPHUR ROCK [35.75, -91.50]

03/08/11 18:35 CST	0	Hail (0.88 in)
03/08/11 18:35 CST	0	Source: Trained Spotter

SALINE COUNTY --- 2.0 S BENTON [34.54, -92.58]

03/08/11 21:20 CST	0	Hail (0.75 in)
03/08/11 21:20 CST	0	Source: Broadcast Media

Penny size hail and winds estimated at 55 mph were reported in the Christy Acres Addition.

SALINE COUNTY --- BENTON [34.57, -92.58]

03/08/11 21:34 CST	0	Hail (1.00 in)
03/08/11 21:34 CST	0	Source: Trained Spotter

SALINE COUNTY --- 0.6 SW BENTON [34.56, -92.59]

03/08/11 21:36 CST	0	Hail (1.75 in)
03/08/11 21:36 CST	0	Source: Amateur Radio

Golf ball size hail was reported in downtown Benton.

Scattered thunderstorms developed along and ahead of a cold front on the 8th. A few of the storms became severe, producing hail.

(AR-Z013) SEARCY

03/12/11 12:00 CST	0	Wildfire
03/14/11 12:30 CST	0	

Continuing drought conditions, along with periodic low humidities and gusty winds created conditions favorable for wildfires during the first part of March.

(AR-Z005) BAXTER, (AR-Z013) SEARCY, (AR-Z016) INDEPENDENCE, (AR-Z023) VAN BUREN, (AR-Z042) GARLAND

03/18/11 13:00 CST		0.30M	Wildfire
03/22/11 15:00 CST	2	0	

Continued dry weather and periodic windy periods were favorable for wildfires in the middle part of March.

(AR-Z004) MARION, (AR-Z007) SHARP, (AR-Z015) IZARD

03/23/11 11:00 CST	0	Wildfire
03/24/11 10:30 CST	0	

Favorable conditions for wildfires continued into late March, with continuing dry vegetation and periodic spells of windy weather and low humidities.

BAXTER COUNTY --- MOUNTAIN HOME [36.33, -92.38]

03/25/11 04:00 CST	0	Hail (0.88 in)
03/25/11 04:00 CST	0	Source: Broadcast Media

Pea to nickel size hail covered the ground.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Scattered thunderstorms moved across northern Arkansas early on the morning of the 25th. There were a number of reports of small hail.				
NEWTON COUNTY --- MARBLE FALLS [36.10, -93.15]				
	03/26/11 00:05 CST	0		Hail (1.00 in)
	03/26/11 00:05 CST	0		Source: Law Enforcement
CONWAY COUNTY --- 2.0 SSW OPPELO [35.07, -92.78]				
	03/26/11 03:28 CST	0		Hail (0.75 in)
	03/26/11 03:29 CST	0		Source: Trained Spotter
Hail up to penny size fell for one and a half minutes near the Conway/Perry County line.				
LONOKE COUNTY --- 2.0 E CABOT [34.97, -91.98]				
	03/26/11 04:40 CST	0		Hail (1.00 in)
	03/26/11 04:40 CST	0		Source: Trained Spotter
BOONE COUNTY --- LEAD HILL [36.42, -92.90]				
	03/26/11 06:12 CST	0		Hail (0.75 in)
	03/26/11 06:12 CST	0		Source: Public
DESHA COUNTY --- ARKANSAS CITY [33.62, -91.20]				
	03/26/11 18:53 CST	0		Hail (1.00 in)
	03/26/11 18:53 CST	0		Source: Public
Warmer air advancing northward over a warm front situated in southern Arkansas led to the development of hail in northern Arkansas early on the morning of the 26th. Then, during the evening, storms developed just north of the warm front, and hail occurred in southern Arkansas.				
DALLAS COUNTY --- 5.0 NW RAMSEY [33.97, -92.66]				
	03/27/11 13:15 CST	0		Hail (0.75 in)
	03/27/11 13:15 CST	0		Source: Law Enforcement
POLK COUNTY --- 0.6 W MENA [34.58, -94.24]				
	03/27/11 14:27 CST	0		Hail (0.88 in)
	03/27/11 14:27 CST	0		Source: Public
GARLAND COUNTY --- HOT SPGS [34.50, -93.05]				
	03/27/11 15:35 CST	0		Hail (0.75 in)
	03/27/11 15:35 CST	0		Source: Trained Spotter
PULASKI COUNTY --- 1.0 N SHADY GROVE [34.78, -92.47]				
	03/27/11 15:43 CST	0		Hail (0.75 in)
	03/27/11 15:43 CST	0		Source: Trained Spotter
PULASKI COUNTY --- SHERWOOD [34.82, -92.22]				
	03/27/11 15:54 CST	0		Hail (0.75 in)
	03/27/11 15:54 CST	0		Source: NWS Employee
PULASKI COUNTY --- (LRF)LITTLE ROCK AFB [34.92, -92.15]				
	03/27/11 15:59 CST	0		Hail (0.75 in)
	03/27/11 16:04 CST	0		Source: Trained Spotter
CLEVELAND COUNTY --- 4.0 N RISON [34.01, -92.18]				
	03/27/11 18:04 CST	0		Hail (1.00 in)
	03/27/11 18:04 CST	0		Source: Trained Spotter
MONTGOMERY COUNTY --- CADDO GAP [34.40, -93.62]				

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	03/27/11 18:04 CST		0	Hail (0.75 in)
	03/27/11 18:04 CST		0	Source: Law Enforcement
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GARLAND COUNTY --- 1.0 WNW HOT SPRINGS VILLAGE [34.67, -93.02]				
	03/27/11 18:20 CST		0	Hail (0.75 in)
	03/27/11 18:24 CST		0	Source: Emergency Manager
Penny size hail covered the ground.				
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WHITE COUNTY --- CENTER HILL [35.27, -91.88]				
	03/27/11 18:22 CST		0	Hail (0.75 in)
	03/27/11 18:22 CST		0	Source: Law Enforcement
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SALINE COUNTY --- 1.8 WSW BLOCHER [34.67, -92.93]				
	03/27/11 18:25 CST		0	Hail (0.75 in)
	03/27/11 18:25 CST		0	Source: Trained Spotter
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GARLAND COUNTY --- (HOT)HOT SPGS ARPT [34.47, -93.10]				
	03/27/11 18:36 CST		0	Hail (1.00 in)
	03/27/11 18:36 CST		0	Source: Trained Spotter
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GARLAND COUNTY --- HOT SPGS [34.50, -93.05]				
	03/27/11 18:38 CST		0	Hail (1.75 in)
	03/27/11 18:49 CST		0	Source: Amateur Radio
Pea to golf ball size hail fell across Hot Springs, covering the ground in some instances.				
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SALINE COUNTY --- 2.0 N BRYANT [34.63, -92.48]				
	03/27/11 18:52 CST		0	Hail (1.00 in)
	03/27/11 18:52 CST		0	Source: Trained Spotter
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PULASKI COUNTY --- 0.2 E CYPRESS JCT [34.67, -92.37]				
	03/27/11 18:53 CST		1.30M	Hail (1.75 in)
	03/27/11 18:57 CST		0	Source: Law Enforcement
Golf ball size hail was reported at Baseline Rd. and Production Dr. In nearby areas, cars at a car dealership suffered hail damage, leaves were knocked off trees, and dozens of cars and roofs were damaged.				
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PULASKI COUNTY --- 0.5 S HALSTEAD [34.71, -92.40]				
	03/27/11 18:55 CST		0	Hail (1.50 in)
	03/27/11 18:55 CST		0	Source: Law Enforcement
Ping pong ball size hail was reported near Interstate 430 and Colonel Glenn Rd. Hail covered the ground in the area, including at the junction of Interstate 430 and Interstate 30.				
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PULASKI COUNTY --- 0.4 NNW DOUGLASVILLE [34.73, -92.37]				
	03/27/11 18:58 CST		0	Hail (1.00 in)
	03/27/11 18:58 CST		0	Source: Amateur Radio
Quarter size hail fell on John Barrow Rd.				
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CLARK COUNTY --- 1.0 W ARKADELPHIA [34.12, -93.09]				
	03/27/11 19:12 CST		0	Hail (1.00 in)
	03/27/11 19:12 CST		0	Source: Amateur Radio
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CLARK COUNTY --- GURDON [33.92, -93.15]				
	03/27/11 19:20 CST		0	Hail (1.00 in)
	03/27/11 19:20 CST		0	Source: Public
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DALLAS COUNTY --- 5.0 N RAMSEY [33.99, -92.60]				

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	03/27/11 19:48 CST		0	Hail (1.00 in)
	03/27/11 19:48 CST		0	Source: Law Enforcement

An area of low pressure aloft moved across Arkansas on the 27th, triggering thunderstorms during the afternoon and evening. Numerous storms produced hail. Much of the hail ranged from 1/4 to 3/4 inch in diameter, but some was quite a bit larger. In many cases, hail covered the ground and, in a few cases, roadways were briefly covered by hail. Temperatures ranged from the upper 30s to mid 40s in areas which experienced hail.

INDEPENDENCE COUNTY --- 1.0 SW HUTCHINSON [35.64, -91.68]

03/29/11 14:30 CST	0	Hail (1.00 in)
03/29/11 14:30 CST	0	Source: Public

INDEPENDENCE COUNTY --- HUTCHINSON [35.65, -91.67]

03/29/11 14:48 CST	0	Hail (0.88 in)
03/29/11 14:48 CST	0	Source: Law Enforcement

SALINE COUNTY --- 5.0 ESE HOT SPRINGS VILLAGE [34.64, -92.89]

03/29/11 18:08 CST	0	Hail (1.00 in)
03/29/11 18:08 CST	0	Source: Amateur Radio

PULASKI COUNTY --- 0.6 NE SHADY GROVE [34.78, -92.46]

03/29/11 18:35 CST	0	Hail (1.00 in)
03/29/11 18:35 CST	0	Source: Broadcast Media

PULASKI COUNTY --- FERNDAL [34.78, -92.55]

03/29/11 18:38 CST	0	Hail (1.00 in)
03/29/11 18:38 CST	0	Source: Amateur Radio

PULASKI COUNTY --- 0.7 WNW MORGAN [34.89, -92.38]

03/29/11 18:42 CST	0	Hail (1.00 in)
03/29/11 18:45 CST	0	Source: Trained Spotter

The hail covered the ground and the roadway at the Morgan exit on Interstate 40. The hail was intense enough to stop traffic on the highway. Hail fog developed.

PULASKI COUNTY --- 0.8 N MARCHE [34.88, -92.35]

03/29/11 18:42 CST	0	Hail (1.25 in)
03/29/11 18:53 CST	0	Source: NWS Employee

Hail up to half-dollar size fell with such a loud noise that the person was unable to hear on the telephone. The hail covered 90% of the ground.

PULASKI COUNTY --- 1.0 N MAUMELLE [34.88, -92.40]

03/29/11 18:42 CST	0	Hail (1.00 in)
03/29/11 18:42 CST	0	Source: Trained Spotter

PULASKI COUNTY --- MAUMELLE [34.87, -92.40]

03/29/11 18:42 CST	0	Hail (1.00 in)
03/29/11 18:42 CST	0	Source: Trained Spotter

PULASKI COUNTY --- MORGAN [34.88, -92.37]

03/29/11 18:42 CST	0	Hail (1.25 in)
03/29/11 18:42 CST	0	Source: Trained Spotter

SALINE COUNTY --- EAST END [34.55, -92.35]

03/29/11 18:47 CST	0	Hail (1.25 in)
03/29/11 18:47 CST	0	Source: Broadcast Media

PULASKI COUNTY --- 0.7 SSW MAUMELLE [34.86, -92.41]

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	03/29/11 18:50 CST		0	Hail (1.25 in)
	03/29/11 18:50 CST		0	Source: Trained Spotter

Hail fell at the Maumelle Police Department.

PULASKI COUNTY --- 2.0 N GIBSON [34.91, -92.23]

03/29/11 18:52 CST	0	Hail (1.00 in)
03/29/11 18:52 CST	0	Source: Public

Some tree branches were knocked down by the hail.

PULASKI COUNTY --- WRIGHTSVILLE [34.60, -92.22]

03/29/11 18:54 CST	0	Hail (1.25 in)
03/29/11 18:57 CST	0	Source: Public

PULASKI COUNTY --- MACON [34.92, -92.17]

03/29/11 18:57 CST	0	Hail (1.00 in)
03/29/11 18:57 CST	0	Source: NWS Employee

PULASKI COUNTY --- 3.0 N (LRF)LITTLE ROCK AFB [34.96, -92.15]

03/29/11 19:00 CST	0	Hail (0.88 in)
03/29/11 19:00 CST	0	Source: Trained Spotter

PULASKI COUNTY --- 4.0 WNW WRIGHTSVILLE [34.62, -92.28]

03/29/11 19:05 CST	0	Hail (1.00 in)
03/29/11 19:05 CST	0	Source: Public

LONOKE COUNTY --- 5.0 NNW CABOT [35.04, -92.05]

03/29/11 19:10 CST	0	Hail (1.00 in)
03/29/11 19:10 CST	0	Source: Trained Spotter

JACKSON COUNTY --- 1.0 E ELGIN [35.75, -91.28]

03/29/11 19:45 CST	0	Hail (1.25 in)
03/29/11 19:45 CST	0	Source: Public

An area of low pressure aloft passed across Arkansas on the afternoon and evening of the 29th. Cold air resided at the surface, with temperatures generally in the upper 30s to mid 40s. The passage of the low pressure triggered thunderstorms, some of which dropped large hail in central and northeast Arkansas.